

What is claimed is:

1. Image reader which comprises:

- a lighting part having a fluorescent lamp which produces pulse emission by dielectric barrier discharge, and an inverter circuit which feeds the fluorescent lamp;
- a CCD line sensor which continuously receives reflection light reflected by a manuscript and emitted by the fluorescent lamp, time-divided; and
- a controller which resets a divided image which is recognized by the CCD line sensor and which controls the timing of the start of recognition of a next divided image and moreover sends signals about this timing to the lighting part;

wherein the controller, within a given time in which the CCD line sensor recognizes a divided image of the manuscript, sends a flashing signal to the inverter which corresponds to a frequency of pulse emission of the fluorescent lamp in order to keep luminous quantities of the fluorescent lamp at a given value, wherein the lighting part directly drives the flashing signal of the inverter circuit, the fluorescent lamp producing a pulse emission with a frequency which corresponds directly to the frequency of the flashing signal within one period for image recognition by the CCD line sensor.

2. Image reader as claimed in claim 1, wherein the frequency of the flashing signal is controllable as a light control of the fluorescent lamp.